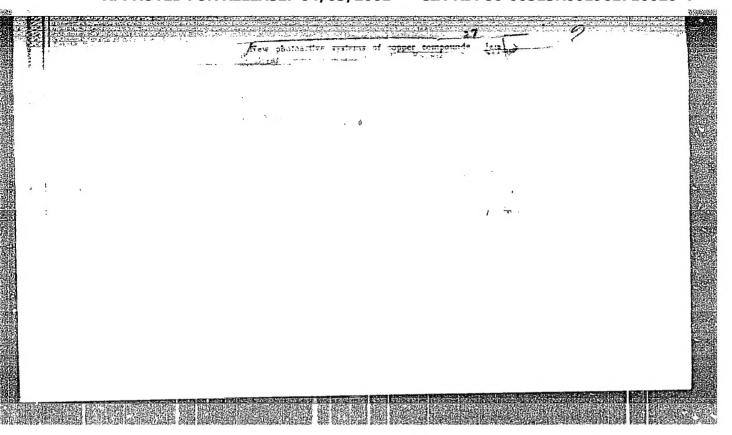
WOJTCZAK, J.

WOJTCZAK, J.

Microphotometric research on the photosensitivity of cupric emulsions.

P. 33 (Matematyka, Chemia) Vol. 10, No. 1, 1957, Poznan, Poland.

SO: MONTHDY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC VOL. 7, NO. 1., JAN. 1958



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stooms median in the presence of sodium hydroxide of desnytaming. It was found that the radiation energy distinctly accelerated the rate and increased the average degree of the polimerisation process. The short-wave part of the visible last account and the ultraviolet ra-

WODICZAK JAN

POLAND/Physical Chemistry - Radiation Chemistry. Photochemistry. Theory of the Photographic Process.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24272

Author : Wojtczek Jan

Inst Title

: New Photosensitive Systems Based on Divalent Copper

Compounds.

Orig Pub : Roczn. chem., 1957, 31, No 1, 343-345

Abstract : New photosensitive systems have been obtained which con-

tain compounds of Cu(2+), 1(+)-ascorbic acid, acetic acid and gelatin hydrosols. Depending on the method of their

POLAND/Physical Chemistry - Radiation Chemistry. B-10
Photochemistry: Theory of the Photographic Process

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24272

purple-red precipitate which separates in the dark 30 minutes after the mixing of the initial solutions.

Card 2/2

POLIND/Optics - Physical Optics

K-5

Abs Jour: Ref Zhur - Fizika, No 4, 1959, No 6731

Author : Calecki A. Wojtezak J.

Inst : Adam Mickiewicz University, Pownan, Poland Title : The Light Sensitivity of Copper Compounds

Orig Pub: Bull. Soc. amis sci. et lettres Poznan, 1956-1957 (1958),

B14, 279-282

Abstract: An investigation was made of the photolysis of copper compounds in the form of gelatine emulsions and in the form of dry deposits on filter paper. Simultaneously, measurements were made of the conductivity and of the pH. It was established that the highest sensitivity and the strongest change in color is possessed by CuCl, that CuBr is weaker in that respect, and that CuI is the weakest. Inhydrous salts have no sensitivity to light. The photochemical reaction is to a certain extent reversible -- the darkening disappears gradually in darkness. However, the obtained images can be developed and fixed by means of ordinary photographic plates. Emulsion-

Card : 1/2

POLIND/Optics - Physical Optics

K-5

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6731

less salts and filter paper are also sensitive both to infrared and to ultraviolet rays. The article contains samples of contact prints, obtained on emulsions with CuCl and CuBr. -- G.G. Neuymin

Card

: 2/2

92

WOJTCZUK, J.	<b>克沃</b> 克	3.J.)
COUNTRY : POLAND I GATEGORY : High Polymer Chemistry		
ABS. JOUR. : RZKhim., No. 19, 1959, No. 70193		
TITLE : Effect of Magnetic Field on the Folymerization of Acetaldehide		
ORIG. PUB.: Chem. stosow., 1958, 2, No 4, 387-399		
253FRACT: The effect of a magnetic field (direct at 200 - 5000e) on the nolymerization of acetaldehyde in HgO and CoHgON solutions and under action of NaOH or of diethylamine at 180 has been established. The reaction velocity was measured colorimetrically and nephelometrically. The prestest effect on the polymerization in HgO solutions with NaOH was exhibited by the direct magnetic field. In all the case, the direct magnetic field lends to lower the rate of polymerization in proportion to current applied to the field.		
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	COUNTRY :	
	ABS. JOUR. : REKhim., No. 19, 1959, No. 70193	
	AUTHOR :	
	TITLE	
	ORIG. PUB. :	
	ABSTRACT : Alternating magnetic field increases the rate	
	Con'd of polymerization. The effect of a magnetic field of polymerization in Collon solutions	
	in the presence of (C2H5)2NH is less pronoun-	
0		
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WOJTCZAK, J.

SCIENCE

Periodicals: KOSMOS. SERIA A: BIOLOGIA. Vol. 7, no. 1, 1958.

WOJTCZAK, J. The physicochemical colloidal processes in living organisms. p. 475.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4,
April 1959, Unclass.

POLAND/Electricity - Seniconductors.

Abs Jour : Ref Zhur Fizika, No 10, 1959, 22954

Author

: ... Wojtezak, Jan

Inst

Title:

Photoelectric Properties of Certain Compounds of Copper

Orig Pub

Prace Komis. mat.-przyrodn. Poznan. towarz. przyjauol

nauk, 1958, 7, No 7, 17-27

Abstract

Investigations were unde of the photoelectric properties of halides, ferricyanides, and molybdates of copper, and also of certain complex organic compounds with bivalent copper. In this substance, in the crystalline states, a study was made of the internal photoeffect, and in aqueous solutions Cu/Cu2 - of the photogravanic effect. In the latter case, the purpose of the research was to study the photogalvanic properties of storage batteries.

The measurements were carried out at altemperature of 25 ± 1° C. A 500 watt Philips 437 E/Ol lamp was used for

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- 58 -

POLAND/Electricity - Semiconductors.

G

Abs Jour : Ref Zhur Fizika, No 10, 1959, 22954

the illumination. The photoeffect was observed in fused CuCl and CuBr. The course of the phenomenon, the magnitude of the effect, and the observed hysteresis phenomena are described. The internal photoeffect was found also in crystalline ferricyanide and molybdate of copper, investigated in the form of dried powders. In this case the photoeffect is less, and the hysteresis phenomena are stronger, than in the halides of copper. Analogous effects were observed in complex compounds of bivalent copper with tertiary organic amines. In the latter case the greatest photoconductivity was noted for the system Cu<sup>2+</sup>/guanin. In aqueous one observed a photogalvanic effect for copper and for compounds of bivalent copper. The magnitude of the effect is approximately 30 - 60 millivolts.

The investigations of photogalvanic effects performed for copper compounds in the form of emulsions in water-

Card 2/3

POLAND/Electricity - Semiconductors.

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Abs Jour : Ref Zhur Fizika, No 10, 1959, 22954

gelatine systems always give poorer results than for aqueous solutions.

Card 3/3

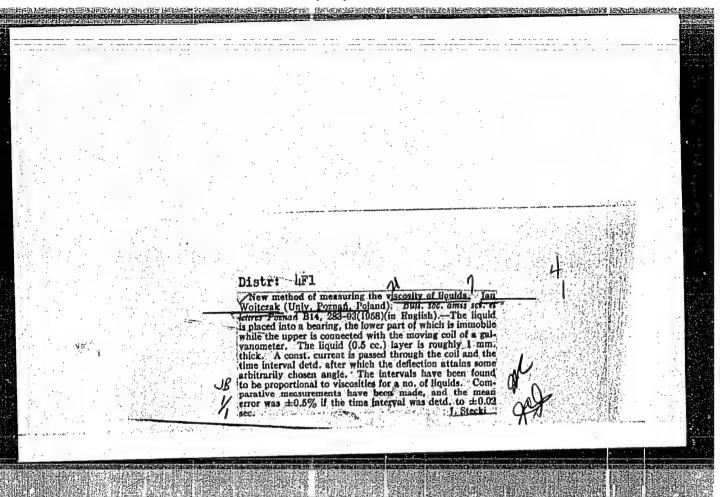
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WOJTCZAK, J.

Dependence of the coefficient of internal friction on the temperature. p. 13

WIADOMOSCI CHEMICZNE. (Polskie Towarzystwo Chemiczne) Wroclaw. Vol. 12, no. 1, Jan. 1958 Poland/

Monthly List of East European Accessions Index (EEAI), IC, Vol. 8, no. 6, June 1959 Uncl.



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Country : Poland B-10

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Catogory : Radiation Chemistry. Photochemistry. Theory of

Abs. Jour.: Ref Zhur-Knimiya, No 6, 1959

Author : Wojtczak, J.

Institut. : Phototropy of Copper Compounds

Orig Pub. : Roczn. chem., 1958, 32, No 3, 553-568

Abstract: Phototropic characteristics have been detected in the light-sensitive system consisting of a mixture of solutions of Cu(2+)-acetate, 1(+)-ascorbic acid, and acetic acid. These characteristics are due to the presence, in the mixture, of two oxidation-reduction systems: Cu2+2 Cu<sup>+</sup>, and ascorbic acid dehydro-ascorbic acid. On a 15-second illumination the color of the mixture changes from light yellow to dark green, pH and turbidity decrease, conductance increases. In the dark the initial properties are restored within 15 minutes. Greatest photochemical activity is shown by visible region of the spectrum, particularly by its long wavwlength portion. Ultraviolet rays produce greater Card: 1/2

	Country : Poland Category= : Radiation Chemistry. Photochemistry. Theory of
	Abs. Jour.: Ref Zhur-Khimiya, No 6, 1959
•	Author Title:
	Orig. Pub. : Lagrana L
	Abstract: phototropy hysteresis than the visible rays.  Velocity constants of thermal- and light reaction, and the equilibrium constant have been determined A. Kheynman.
	Orig. Pub. : Land the risible rays.
	Abstract: phototropy hysteresis than the visible rays.  Velocity constants of thermal- and light reaction, and the equilibrium constant have been determined A. Kheynman.
	Abstract: phototropy hysteresis than the visible rays.  Velocity constants of thermal- and light reaction, and the equilibrium constant have been determined A. Kheynman.

POLAND / Physical Chemistry. Radiation Chemistry. B-10
Photochemistry: Theory of Photographic
Process.

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22625.

Abstract: freshly prepared emulsions, exposed to light in the moist state, were obtained. It was revealed that these light-yellow emulsions, when exposed to light, blacken only insignificantly, but that the exposed areas continue to blacken during the following storage in dark. This autocatalytic reaction depends on the conditions under which the emulsions have been prepared: the most intensive blackening in darkness was observed in the emulsion, prepared of 20% aqueous solution of gelatin containing 25 ml of 1% solution (Gu(CH<sub>3</sub>COO)<sub>2</sub>, l2 ml of 1% solution of 1 (/)-ascorbic acid and 3 ml of 45% solution of CH<sub>3</sub>COOH. The duration of

Card 2/3

POLAND / Physical Chemistry. Radiation Chemistry. B-10
Photodemistry. Theory of Photographic

Process.

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22625.

Abstract: exposure to a 500 w bulb at the distance of 50 cm was 5 to 15 sec. The spectral distribution of the photsensitivity was studied. -- A Kheyn-

man.

Card 3/3

21

B-10

COUNTRY : Poland

CATEGORY :

ABS. JOUR. : AZKhim., No. 21 1959, No. 74315

AUTHOR : Wojtezak, J.
Will. : Not given

TITLE : Photosensitivity of the System CuCl2 -Na2 S2 O4 in

in Aqueous Solutions of Polyvinyl Alconol and

Gum Arabic

ORIG. PUB.: Roczniki Chem, 32, No 5, 1211-1214 (1958)

ABSTRACT: The most sensitive emulsion was obtained by adding to 10 ml of a 5% aqueous solution of poly-

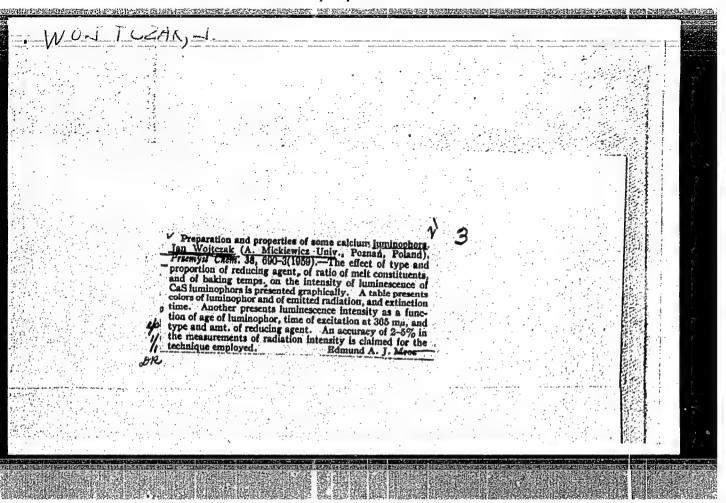
vinyl alcohol and gum arabic first 5 ml of a 10% aqueous solution of CuCl<sub>2</sub>, followed by 5.5 ml of a 10% aqueous solution of Na<sub>2</sub> S<sub>2</sub> O<sub>4</sub>. The result is a white suspension of CuCl which is rapidly blackened by light with the separation of metallic Cu. The blackening proceeds very slowly in the

dark. The photolysis is much slower in pure water than in polyvinyl alcohol. The photosen-

CARD: 1/2

GOULTRY CATLEGORY	*Polyna :	8-10	
ABS. JCUR.	; RZKhim., No. 21 1959, No.	74316	3
AUTHOR INST. TITL:	:		
ORIG. PUB.	•		
ABSTRACT	sitivity of the system is strongly dep the age of the Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> solution and or of the ready emulsion.  A. Kha	pendent on the age synman	And And And And And And And And And And
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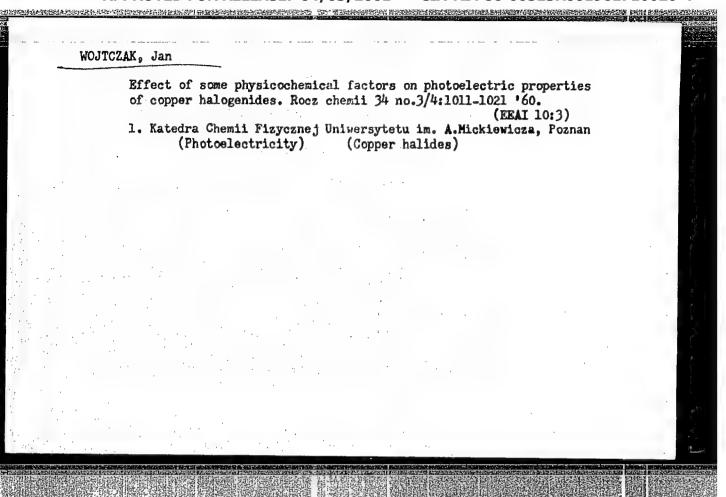
## ROMER, Witold; WOJTCZAK, Jan Phototropism of copper systems and Jan Wojtczak's remarks on this article. Rocz chemii 33 no.4/5:1261-1262 '59. (EEAI 9:9) 1. Katedra Fototechniki Politechniki, Wroclaw (for Romer). 2. Katedra Chemii Fizycznej Uniwersytetu im. A.Mickiewicza, Poznan (for Wojtczak) (Phototropy) (Copper)



### \_WOJTCZAK, Jan

Effect of some chemical compounds on the decomposition of photosensitive cupric emulsions in infrared. Rocz chemii 34 no.3/4: 999-1010 \*60. (EEAI 10:3)

1. Katedra Chemii Fizycznej Uniwersytetu im. A.Mickiewicza, Poznan (Infrared rays) (Copper acetates) (Photochemistry) ((Emulsions)



### WOJTCZAK, Jan; SCLECKI, Roman

Research on the gelatinization process of some hydrosols used in photography. Prace matem przyrod Poznan 10 no.2:27-39

1. Physical Chemistry Department, Adam Mickiewicz University, Poznan.

### WOJTCZAK, Jan

Consistometric studies on the properties of some hydrogels used in photography. Prace matem przyrod Poznan 10 no.2:113-124 162.

1. Department of Physical Chemistry, Adam Mickiewicz University, Poznan.

### WOJTCZAK, Jan

Studies on photooxidation of colloid copper in gelatine. Rocz shemii 36 no.5:929-936 62.

1. Department of Physical Chemistry, A. Mickiewicz University, Poznan.

POLAUD

Jadwiga UOJTCZAK-JAROSZOMA, Institute of Animal Physiology, University of Lodz (Zakład Fiz Jologii Zwierzat UL/Uniwerzytetu Lodzkiego) Head (kierownik): Docent Dr. Stefan BRUTKOUSKI, Lodz.

"Central Effects of Chlorpromazine (Largactil)."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 45, 5 Nov 1962; pp 1763-

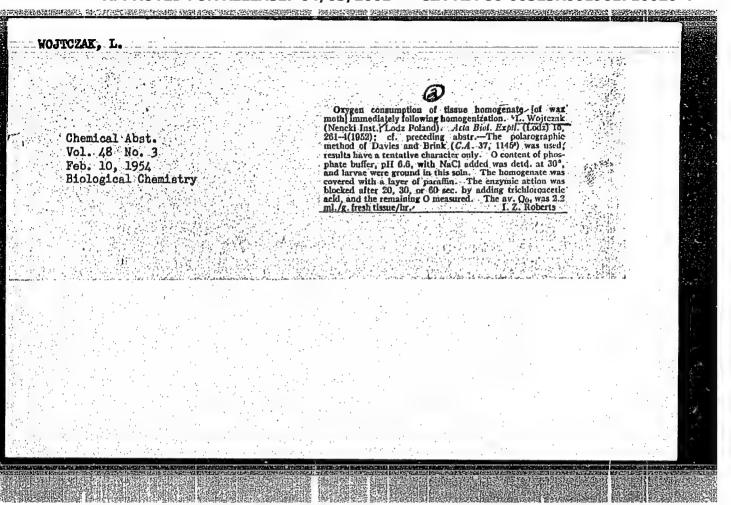
Abstract: A general review of the published data with some original studies by author. Effects of chlorpromazine in animals, especially disruption of various types of conditioned reflexes - author's date indicate magnitude of such effects depends among other things on neuroemotional tension of animal when drug is administered. Review of bioelectric and isotope studies; neurohormone interactions. Fifteen Western, 9 Soviet and 6 Polish including 3 as yet unpublished ref's.

1/1

WOJTCZAK, L.

About the energy eigenvalues and eigenfunctions in the statistical theory of atom. Acta physica Pol 23 no.2:205-209 F '63.

1. Department of Theoretical Physics, University, Lodz.



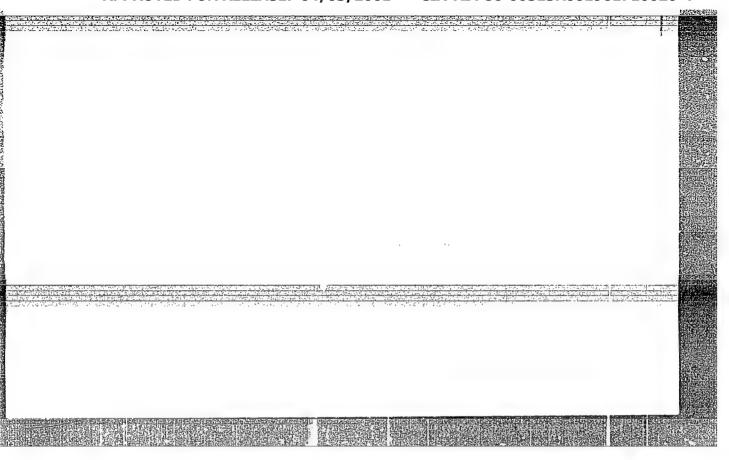
# WOJTCZAK, Lech Studies on respiration enzymes in insects. Acta physical Rol 5 no.1:111-112 1. Zaklad Biochemii Instytutu im. M. Wenckiego. Kierownik: prof. dr W. Wiemierko. (OXIDASES, (INSECTS, \*reap. enzymes in insects) \*resp. enzyms in)

## 

WOJTCZAK, L.

"Exchange of Technical and Scientific Literature among Countries of People's Democracy", <u>Biuletyn Centr.</u> p. 23, (PRZEGLAD TECHNICZNY, Vol. 75, No. 12, Dec. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.



### WOJTCZAK, L.

Certain problems associated with activity of respiratory enzymes in the development of Bombyx mori. Acta biochim. polon. 3 no.2: 197-208 1956.

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1. Z Zakladu Biochemii Instytutu Biologii Doswiadczalnej im. M. Nenckiego w Warszawie Kierownik; prof. dr. W. Niemierko.

(OXIDASES,

phenol oxidase & succinyl oxidase in various stages of develop. of Bombyx mori (Pol))

(MOTHS

Bombyx mori, phenol oxidase & succinyl oxidase in various stages of develop. (Pol))

WOJTCZAK, L.; WOJTCZAK, A.B.; CHMURZYNSKA, W.

Studies on interstitial localization of enzymes in insects. Acta physiol. polon. 8 no.3:572-573 1957.

1. Z Zakladu Biochemii Instytutu Biologii Doswiadczalnej im. Nenckiego w Warszawie Kierownik: prof. dr W Miemierko.

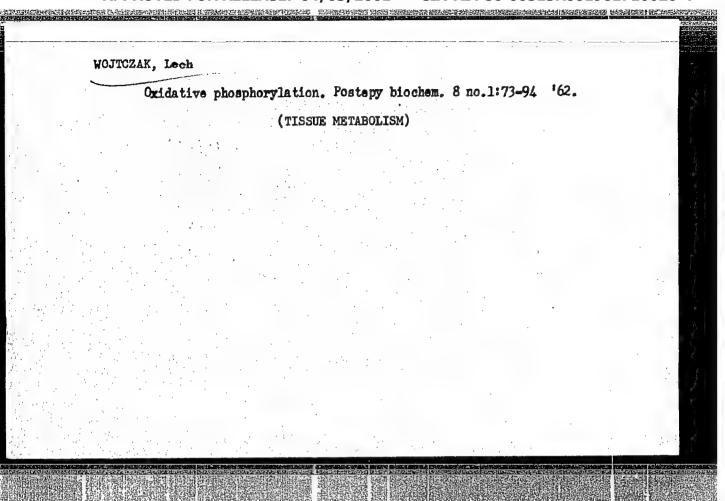
(INSKOTS.

interstitial enzyme localization (Pol))

(ENZYMES, determination in insects, interstitial (Pol))

WOJTCZAK, L.: CHMURZYNSKA, Wanda

Inhibition studies on insect polyphenol oxidase. Acta biochim. polon. 7 no.1:39-49 160.



P/0045/63/024/006/0723/0728

ACCESSION NR: APHO11790

AUTHOR: Wojtczak, L.

TITLE: The stark effect in complex atoms

SOURCE: Acta physica polonica, y. 24, no. 6, 1963, 723-728

TOPIC TAGS: energy eigenvalue, energy eigenfunction, stark effect, complex atom, exterior electric field, homogeneous electric field, Schroedinger.equation, transverse electric field

ABSTRACT: The Schroedinger equation for the stark effect can be written in atomic units as follows:

 $\Delta \Psi_{nlm} + \left[2E_{nlm} + V(r) - 2Fr\cos\theta\right]\Psi_{nlm} = 0, \tag{1}$ 

where F is the perturbing exterior homogeneous electric field strength and where  $E_{nlm}$  denotes the electronic eigenvalue. The electric field causes a splitting or shift of the electron levels. The new orbital energy can be written as

Card 1/4

ACCESSION NR: AP4011790

$$E_{nlm} = E_{nl}^{o} + \Delta E_{nlm}(F)$$

y (2)

 $E_{nl}^{0}$  is the energy eigenvalue of the unperturbed Schroedinger equation and  $\Delta E_{nlm}$  (F) denotes the shift of the orbital level. The solution for the unperturbed Schroedinger equation takes the form

$$\varphi_{nm}^{\theta} = \frac{if_{n\theta}(r)}{r} Y_{nm}(\theta, \varphi), \tag{3}$$

where

$$\mathcal{G}_{nl}(r) = N_{nl} r^{l+1} e^{-\sqrt{-15_{nl}^2} t} \left[ 1 + A t \right]^{-n} \sum_{k=0}^{n-l-1} a_k r^k. \tag{4}$$

The shift in the orbital level A Enlm can be calculated by the Tichmersh

Card 2/4

ACCESSION NR: AP4011790

formula (Proc. Roy. Soc. (1949), A200)

$$[E_{nlm} - E_{sk}^{\bullet}] (\Psi_{nlm} \Psi_{sk\mu}^{\bullet}) = F(\Psi_{nlm} r \cos \theta \Psi_{sk\mu}^{\bullet}).$$
 (5)

This formula can be expanded to

$$\Delta E_{nlm} = F^{2} \sum_{n} \left( \frac{G_{nl}^{mn} G_{nl}^{mn}}{\Delta E_{nlm} + E_{nl}^{0} - E_{r,l+1}^{0}} + \frac{G_{nl-1}^{mn} G_{nl-1}^{mn}}{\Delta E_{nlm} + E_{nl}^{0} - E_{r,l-1}} \right)$$
(6)

$$+ \sum_{i=2}^{\infty} F^{2i} \left[ \sum_{\substack{r_i \\ r_{0l-1} \\ r_{0l-1$$

which is valid for any of F. Such approximate roots for equation (6) which satisfy the asymptotic behavior for  $F \ll 1$  and F > 1 are then chosen as follows:

Card 3/4

 $\Delta E_{nlm} = -\frac{1}{2} \left( E_{nl}^0 - E_{NL}^0 \right) + \sqrt{\frac{1}{4} \left( E_{nl}^0 - E_{NL}^0 \right)^2 + F^2 C}; \tag{7}$ 

ACCESSION NR: AP4011790  $C = \sum_{r} \left\{ (C_{nl}^{m})^{2} \frac{\frac{1}{2} (E_{nl}^{0} - E_{NL}^{0}) + \left[ \frac{1}{4} (E_{nl}^{0} - E_{NL}^{0})^{2} + 4F^{2} (C_{nL}^{Nm})^{2} \right]^{N}}{\frac{1}{2} (E_{nl}^{0} + E_{NL}^{0}) - E_{r,l+1}^{0} + \left[ \frac{1}{4} (E_{nl}^{0} - E_{NL}^{0})^{2} + F^{2} (C_{nL}^{Nm})^{2} \right]^{N}} + (C_{nl-1}^{m})^{2} \frac{\frac{1}{2} (E_{nl}^{0} - E_{NL}^{0}) + \left[ \frac{1}{4} (E_{nl}^{0} - E_{NL}^{0})^{2} + 4F^{2} (C_{nL}^{Nm})^{2} \right]^{N}}{\frac{1}{2} (E_{nl}^{0} + E_{NL}^{0}) - E_{r,l-1}^{0} + \left[ \frac{1}{4} (E_{nl}^{0} - E_{NL}^{0})^{2} + F^{2} (C_{nL}^{Nm})^{2} \right]^{N}} \right\}$ When formula combains the transition of the square (F<<1) to the linear

This formula explains the transition of the square (F $\ll$ 1) to the linear (F>1) stark effect. Orig. art. has: 23 equations and 1 table.

ASSOCIATION: Katedra Fizyki Teoretycznej, Universytet lodzki, Lodz (Department of Theoretical Physics, University of Lodz)

SUBMITTED: 23Apr63

DATE ACQ: 04Feb64

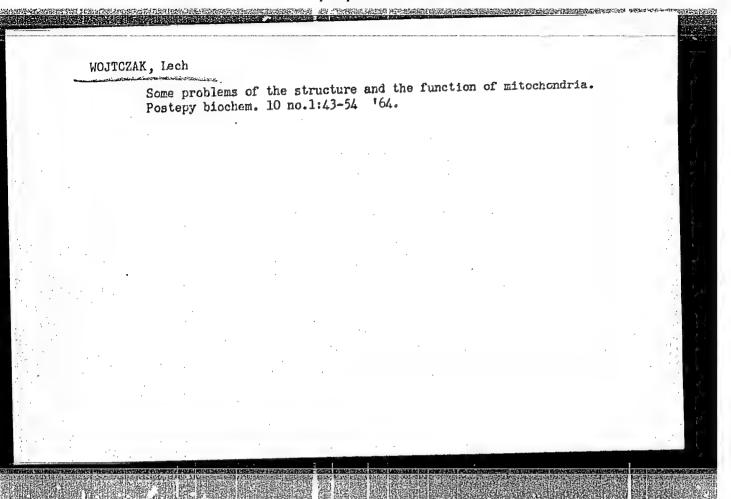
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OTHER: 008

Card 4/4



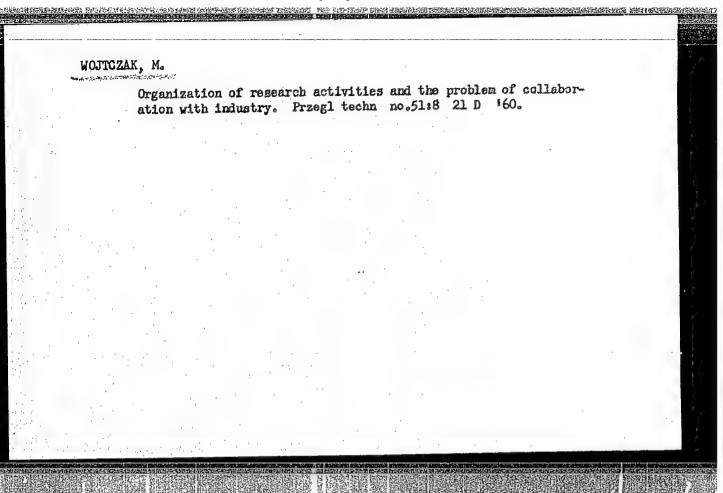
20823-66 IJP(c) ACC NR: AP6000643 SOURCE CODE: PO/0045/65/028/002/0233/0238 02/ AUTHOR: Wojtczak, L. ORG: Department of Theoretical Physics, University of Lodz 2/14415 TITLE: Potential energy function for diatomic molecules SOURCE: Acta physica polonica, v. 28, no. 2, 1965, 233-238 TOPIC TAGS: diatomic molecule, potential energy, Schoolinger equation, electron energy level ABSTRACT: A new general form of the potential energy function for diatomic molecules is given. The Schroedinger equation for this potential is solved, and the formula for vibrational and rotational levels is obtained. Orig. art. has: 13 formulas and 1 table. [Based on author's abstract] [HT] SUB CODE: 20/ SUBM DATE: 290ct64/ OTH REF: 009

### "APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710020-4

L 29997-66 IJP(c) PO/0045/65/028/001/0025/0030 SOURCE CODE: ACC NR: AP5022618 AUTHOR: Wojtczak, L. ORG: Department of Theoretical Physics, University of Lodz TITLE: Spin wave spectrum of ferromagnetic thin films SOURCE: Acta physica polonica, v. 28, no. 1, 1965, 25-30 TOPIC TAGS: magnetic crystal, ferroelectric crystal, crystal theory, spin wave spec-ABSTRACT: The spin wave energy spectrum is obtained by means of Pauli operators. The problem for an arbitrary external magnetic field is considered. It is assumed that film is divided into monoatomic layers parallel to the y,z-plane and each atom is given by the components of a vector. The Hamiltonian is a sum of an exchange term, a Zeeman term and an anisotropy term. The spin operators are determined for arbitrary spin by means of creation and annihilation operators. Restrictions are placed on the operators and after applying a canonical Fourier transformation the Hamiltonian is given in terms of the operators. Corciovei's method is used to diagonalize the Hamiltonian. This gives an equation with the eigenvalues for an anisotropy vector independent of the thickness of the film. The eigenvalues are used to derive a formula for the spin wave Card 1/2

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nergy eigenvalues valid for all exte	ernal magnetic fields. The spi	n wave ampli-
nergy eigenvalues valid for all exte udes depend on the external magnetic erent in different layers. Orig. ar	I LETO OUTA TOT OUTTOOLS	tora that are are
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Card 2/2		



### P/525/62/004/001/001/001 D204/D307

AUTHORS:

Ulińska, Alina, Docent, Doctor (Director, see Association), Huppenthal, Les aw and Wojtczak, Zbignicw

TITLE:

The separation of polymethacrylic acid into fractions by adsorption on carbon

SOURCE:

Towarzystwo Naukowe w Toruniu. Studia. Sectio B. Chemia. v. 4, no. 1-4, 1962, 7-16

TEXT: The aim of the present work was the separation of polymethacrylic acid (PMA) into fractions of various mean molecular weight (M), using the single-step adsorption method of M.A. Golub. The purified PMA (M = 761,700, degraded from M = 1,180,000, 250 ml samples, 0.276%) was adsorbed on activated carbon supplied by Zak-Zady Elektrod Weglowych im. 1 Maja w Raciborzu (Carbon Electrode Works, im. 1st of May, Raciborz), from 20% EtoH, at 25 ± 0.10C, using 1 - 24 g portions of the carbon. The separated fractions were tested for concentration and viscosity, after removing EtoH at room temperature by bubbling N2 through the solution; this method avoids

Card 1/2

P/525/62/004/001/001/001 D204/D307

The separation of ...

degradation of the polymer. The viscosity at first increased (preferential adsorption of short chains) and then fell off with time (adsorption of longer chains). Integral and differential mass distribution curves were typical of degraded polymers, with maxima in the low M region. Reproducibility of the results was high. Fractionation of aqueous FHA with 5N H<sub>2</sub>SO<sub>4</sub>, carried out for the purpose of comparison, allowed no conclusions concerning the polymolecularity to be drawn and the results were irreproducible. Indications were found that PMA associated on contact with H<sub>2</sub>SO<sub>4</sub>. While the adsorption method required only 14 days, the H<sub>2</sub>SO<sub>4</sub> fractionation took several months. It is concluded that fractionation by adsorption is a convenient procedure, superior to other methods, allowing a rapid estimate of the distribution of M-values, although the fractions themselves cannot be isolated and it is difficult to complete the process in full. There are 3 figures and 4 tables. The most important English-language reference is: M.A. Golub, J. Polymer Sci., 11, 585 (1953)

ASSOCIATION:

Katedra Chemii Ogólnej Uniwersytety M. Kopernika w

Toruniu (Department of General Chemistry, M. Coper-

Card 2/2 nicus University, Toruń)

### WOJTCZAK, Zbigniew, dr

Interaction of a negative polyelectrolyte (polymetacrylic acid) and the cations of metals of alkali earths in diluted solutions. Wiad chem 18 no.12:739-741 D '64.

1. Department of General Chemistry of the N. Copernicus University, Torun.

MOJTCZAK-JAROSZOWA, Jadwiga: RADOMSKA, Maria

Results of treatment of multiple sclerosis with Margulis vaccine.
Neur. &c. polska 6 no.6:965-968 Nov-Dec 56.

1. Z Oddzialu Neurologicznego Panstwowego Szpitala dla Neiwowo 1
Psychicznie Chorych Kochanowka, Ordynator: dr. med. L. Prusak.
Dyrektor Szpitala: dr. med. M. Marzynski.

(MULTIPLE SCIENOSIS, ther.
Margulis vaccine (Pol))

(VACCINES AND VACCINATION

Margulis vaccine, ther. of multiple sclerosis (Pol))

### WOJTCZAK-JAROSZOWA, J.

Appearance of instrumental defense reactions to a food conditioned stimulus converted from a defense stimulus. Acta physiol.polon.ll no.5/6:918-920 '60.

1. Z Zakladu Fizjologii Zwierzat Uniwersytetu Lodzkiego, Kierownik: doc.dr. W.Wyrwicka.

(HEFLEX CONDITIONED)

WOJTCZAK-JAROSZOWA, Jadwiga (Lodz, ul. Gdanska 11,12.)

The influence of long lasting training on switching between defensive and alimentary motor conditioned reflexes of the II type. Acta physiol pol 12 no.6:849-857 '61.

1. Zaklad Fizjologii Zwierzat Uniwersytetu Lodzkiego w Lodzi, Kierownik: doc., dr. W. Wyrwicka.

(CONDITIONAL RESPONSE)

THE STATE OF THE PROPERTY OF T

## WOJTCZAK-JAROSZOWA, Jadwiga

On the central effect of chlorpromazine (largactil). Pol. tyg. lek. 17 no.45:1763-1766 5 N 162.

1. Z Zakladu Fizjologii Zwierzat UL w Lodzi; p.o. kierownika: doc. dr Stefan Brutkowski.
(CHLORPROMAZINE) (CENTRAL NERVOUS SYSTEM)

### WOJTCZAK-JAROSZOWA, J.

Properties of transformed conditioned stimuli. I. Defensive conditioned stimulus transformed into food conditioned stimulus. Acta biol. exp. 22 no.3:169-176 '62.

1. Department of Animal Physiology, University of Lodz, Todz, Poland. (REFLEX, CONDITIONED)

# WOJTCZAK-JAROSZOWA, J. Properties of transformed conditioned stimuli. II. Food conditioned stimulus transformed into defensive conditioned stimulus. Acta biol. exp. 22 no.3:177-180 '62.

1. Department of Animal Physiology, University of Lodz, Lodz, Poland. (REFLEX, CONDITIONED)

### WOJTCZAK-JAROSZOWA, Jadwiga

Conditioning and tranquilizing action. I. The effect of tranquilizing drugs on conditioned reflex type. II. Activity following transformation of an alimentary CS into a defense CS. Acta biol. exp. (Warsz.) 24 no.1:37-45 64

1. Laboratory of Animal Physiology, University of Lodz, Lodz, Poland.

	L 9514-66 EWP(1)/T RM
	ACC NR: AP6002232 SOURCE CODE: CZ/0043/65/000/003/0209/0214
W	AUTHOR: Swinarski, A.; Wojtczakowa, J.
	ORG: Institute of Inorganic Chemistry, Nicholas Copernicus University, Torun, Poland
	TITLE: Determination of the polysubstituted complexes by the use of the method of potentiometric surfaces [Paper presented at the Symposium on the Structure and Properties of Coordinated Compounds held in Bratislava from 2 to 4 September 1964]
, i	SOURCE: Chemicke Zvesti, no. 3, 1965, 209-214
	TOPIC TAGS: coordination chemistry, intermolecular complex, carbon compound, copper compound, ammonia
	ABSTRACT:  Suggested by Lefebvre for the determination of the coordination number and stability of the simple complexes. Good results were also achieved with mixed complexes when one of the ligands was the OH anion. The system Cu <sup>++</sup> -NH <sub>2</sub> -C <sub>2</sub> O <sub>4</sub> -was investigated using a copper and a glass electrode. Titration gave a standard curve suitable for the determination of relative amounts of Cu and of the pH as a function of the amount of added NH <sub>2</sub> . Calculation of the potentiometric area allows the quantitative determination of the components which are not bound in any complex. The curve shows the relative amounts of [Cu(C <sub>2</sub> O <sub>4</sub> )(NH <sub>3</sub> ) <sub>2</sub> ] and [Cu(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> NH <sub>3</sub> ]. Coexistence of the simple complexes of each of the two ligands was proved. Orig. art. has: 4 figures,  SUB-CODE: O7 / SUEM DATE: none / OTH REF: CO4  Cord 1/1

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SWINARSKI, A.; WOJTCZAKOWA, J.

Determination of polysubstituted complexes in applying the potentiometric surface method. Chem zvesti 19 no.3:209-214 165.

1. Institut fur anorganische Chemie der Nikolaus-Kopernikus-Universitat, Torun, Poland.

WOJTECKA, Zofia

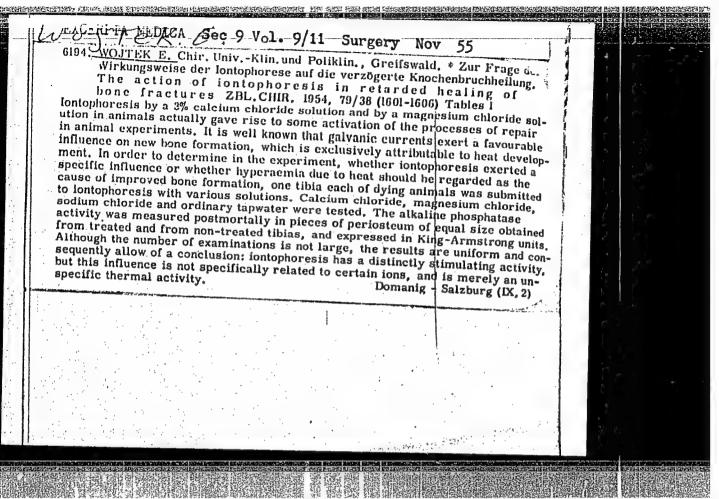
Method for the examination of the health status in Czechoslovakia. (Remarks on experiences during the trip to Czechoslovakia in January 1964 on a fellowship from the World Health Organization. Zdrow. publiczne no.6:227-232 Je 165.

1. Z Departementu Statystyki Medycznej (Dyrektor: dr. Z Branowitzer).

KSIEZNY, S.; ARDELT, W.; BUDZÝNSKI, A.Z.; NIEDZWIECKA-NAMYSLOWSKA, Izabella; WOJTECKA-LUKASIK, Elzbieta

Some properties of elastin degradation products. Acta biochim. Pol. 12 no.4:327-335 '65.

1. Department of Biochemistry, Institute of Rheumatology, Warszawa.



WOJTERKOWSKI, Z.

"Planowanie przewozów róznymi środkami lokomocji" (Transport planning by various transport means), by Z. Wojterkowski. Reported in New Books (Nowe Ksiazki), No. 14, July 15, 1955

WOJTERKONSKI, Zbigniew (R.D. Polona)

Collaboration in the field of transportation. Problems econ 15 no.8:65-72 Ag '62.

WOJTERSKA, HALINA

Roslinnosc Dziewiczej Gory pod Poznaniem. Poznan, Nakl. Poznanskiego Tow. Przyjaciol Nauk, 1953. 125 p. (Poznanskie towarzystwo Przyjaciol Nauk. Prace Komisji biologicznej, tom 14, zesz 4) / Vegetation of Dziewicza Mountain near Poznan. German and Russian summaries. illus., map, bibl., tables /

East European Vol. 3, No. 3
SO: Monthly List of Assault Accessions / Library of Congress,

1954
March 1/5/3/, Uncl.

FOLAND/Forestry - Dendrology.

K-3

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86862

Celinski, F., Wojterski, T. Author

Not given Inst

Antonin Oaks Title

Orig Pub: Chronmy przyr. ojcz., 1956, 12, No 1, 51-53.

Gigantic oaks grow in the vicinity of Antonin Abstract:

(Poland), 42 of which have a trunk of circumference at breast height of more than four meters. The trees are adapted to a low, moist habitat with ground water occurring at a depth of about two meters. The root circumference of the largest oak is 782 cm; its height is 25 meters. The tree is quite healthy and has no defects. -- N. I. Voronets.

Card 1/1

19

WOJTERSKI, TEOFIL.

Zielonym szlakiem polskiego wybrzeza. Warszawa, Nasza Ksiegarnia, 1957. 130 p. (On the green track along the Polish coast. illus.) MiDW Not in DLC

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

Wo Terski, Teofil

Category: Poland/General Division. The Conservation of Nature.

A-5

Abs Jour: Ref. Zh.-Biol., No 9, 10 May, 1957, 34973

Author : Wojterski, Teofil

Inst : not given

Title : Babia Gora-National Park

Orig Pub: Chronmy. przyr. ojcz., 1956, 12, No 4, 12-28

Abstract: Three new mountain reservations were founded in 1955 in Poland among which is Babia Gora in Krakow province. This mountainous massif reaches to a height of 1725 m. above sea level. The area of the preserve is 1637 hectares. The sandstone of which the massif consists gradually descends to the north. The northern and southern slopes have different landscapes and vegetation. There are no endemic plants among the flora of the reservation but a number of the types are met within the bounds of Poland only here, in the Tatra and in the Eastern Carpathians. The flora of this part of the Beskids is notably poorer than in the Tatra. In the reservation four bands of vegetation are well

Card : 1/2

\_4\_

Category: Poland/General Division. The Conservation of Nature.

A-5

Abs Jour: Referat Zh.-Biol., No 9, 10 May, 1957, 34973

expressed: the beech forests of the foothills (to 1150 m); the fir forests (1150 - 1390 m); a band of pines where Pinus mughus grows; and the alpine zone (above 1650 m). On the summit of the mountain, a number of typically alpine types grow: the alpine anemone and others. There is no information about the animals of the reservation. Maps and photographs of the landscape are given.

Card : 2/2

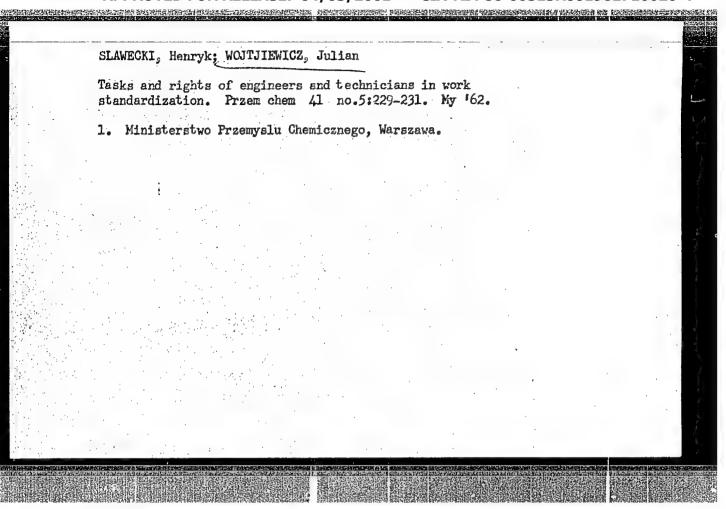
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WOJTTTZ, P.

Methods of modern technology and management of manufacturing and their effect on production; also, remarks by I. Mate and others. p. 453. (MAGYAR TEXTILTECHNIKA, Budapest, Hungary), No. 11/12, Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955.

	L 36893-66 : EWP(j) RM	5		
	ACC NR: AP6027109 (N) SOURCE CODE: PO/0099/66/040/001/0131/0132			
	AUTHOR: Kulesza, Jamusz; Wojtkiewicz, Darbara			
, A	ORG: Department of Herb and Spice Technology, Polytechnic Institute, Lodz (Zaklad Technologii Ziol i Aromatow Politechniki)			
1	TITIE: Preparation of pinonaldehyde by the Rosenmund method			
SOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1, 1966, 131-132				
	TOPIC TAGS: catalysis, chemical reduction, aromatic aldehyde			
	ABSTRACT: The paper describes a method of preparation of pinonaldehyde by means of catalytic reduction of pinonic acid chloranhydride with hydrogen. A product yield of 75.4 percent was obtained. [Orig. art. in German.] [JPRS: 35.397]			
	SUB CODE: 07 / SUBM DATE: 17Apr65 / ORIG REF: 001 / OTH REF: 005			
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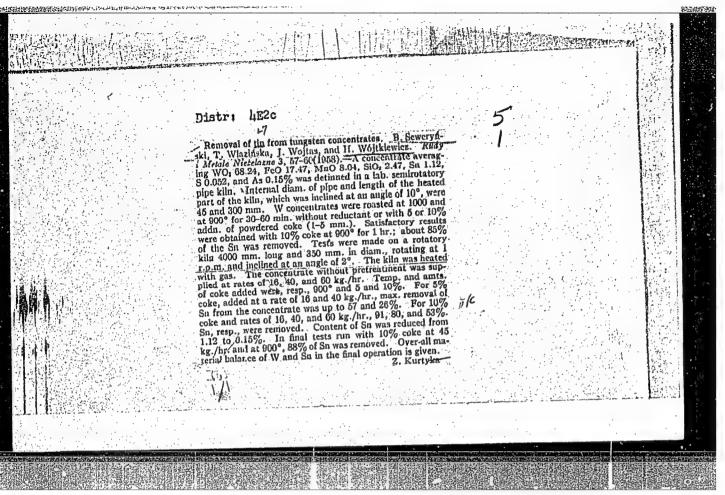


# WOJTKIENICZ, A. A., KHCHULLO, G. V., HAUMENKO, E.

Further data on vegetative heredity in modified forms of the animal organism. Zh. obsh. biol. 11:3, May-June 50, p. 216-28

1. Department of General Biology, Kazakh Medical Institute imeni

CLHL 19, 5, Nov., 1950



WOJTCZKOWA, J.

SCIENCE

Periodicals: KOSMOS. SERIA A: BIOLOGIA. Vol. 7, no. , 1958.

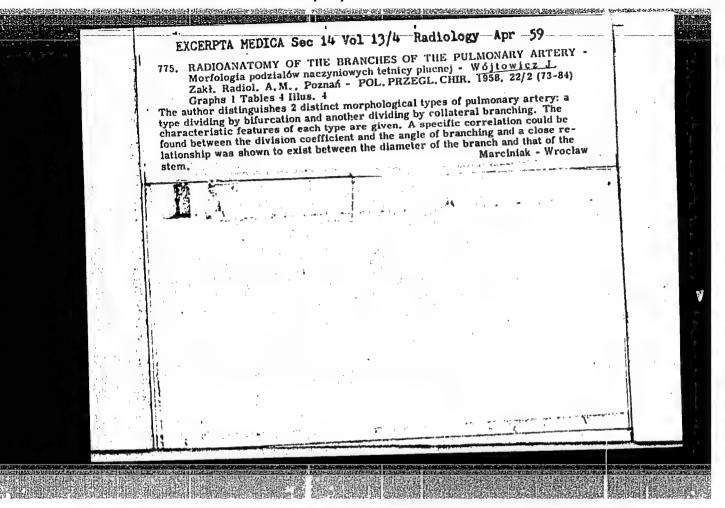
WOJTCZKOWA, J. The physicochemical colloidal processes in living organisms. p. 475.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959, Unclass.

WOJTKIEWICZ, Wincenty; SZADOWSKI, Jerzy

Studies on the possibility of using 2-methylnaphthalene in the production of dyestuffs. Pt. 2. Chemia stosow 8 no. 2: 233-247 164.

1. Department of Technology of Dyestuffs, Technical University, Lodz.



WOJTKIEWICZ, Jadwiga; CHIEOWSKA, Aleksandra; WLODARCZYK, Stefan

Congenital poikiloderma (Thomson). Ann. univ. Lublin sec. D 15: 331-346 '(0.

1. Z Katedry i Kliniki Dermatologicznej Wydzialu Lekarskiego Akade ii Medycznej w Lublinie Kierownik: prof. dr med. Czeslaw kyli-Mardzewski i z Zakladu Radiologii Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: z prof. dr med. Kazimierz Skorzynski. (SKIN dis)

M 25 DECEMBER OF THE PROPERTY AND ADDITIONAL PROPERTY OF THE P

CHIBOWSKA, Aleksandra; WOJTKIEWICZ, Jadwiga

Osteopoikilosis in the purse of Poikiloderma Congenitale (Thorson's disease). Ann. univ. Lublin sec.D 15:347-353 '60.

1. Z Zakladu Radiologii Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: z. prof. dr.med. Kazimierz Skorzynski i z Katedry i Kliniki Dermatologicznej Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: prof. dr med. Czeslaw Ryll-Nardzewski.

(SKIN dis) (BONES DISEASES compl)

WOJTKIEWICZ, Jadwiga; LECEWICZ-TORUN, Barbara

Antimalarial drugs and their use in dermatology. Przegl. derm. 49 no.6:559-567 '62.

1. Z Kliniki Dermatologicznej AM w Lublinie Kierownik; prof. dr Cz. Ryll-Nardzewski [deceased].

(ANTIMALARIALS) (DERMATOLOGY)

POLAND

WOJTKIEWICZ, Jadwiga and LECEWICZ-TORUN, Barbara, Dormatology Clinic (Klinika Dermatologiczna), AM [Akademia Medyczna, Medical Academy] in Lublin (Birector: Prof. Dr. Cz. RYLL-HARDZEWSKI (Deceased))

"Resochine in the Treatment of Chronic Erythematodes and Psoriasis."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 26, 24 Jun 63, pp 942-944

Abstract: [Authors' English summary modified] In view of the lack of a satisfactory treatment for chronic crythematodes and for psoriasis, the authors investigated the effect of resochine on the two skin diseases. They give details of their findings, concluding that resochine is the most effective drug for chronic crythematodes, with sustained treatment to prevent relapses. Their findings with respect to psoriasis were inconclusive, and think that further studies are needed to obtain better data. There are 16 references: 1 Soviet, 4 Polish, 3 German, and 8 Western.

WOJINIANICZ, Winconty; SZCINMSKI, Jermy

Synthesis and properties of 2-methoxy- and 2-sthoxy-1naphthylamino-4-sulfo acids. Chesia Lodz no.14:65.76 '64.

1. Pepartment of Technology of Dyes, Technical University, Lodz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzisław

Synthesis of some 2-naphtholmonosulfonamides. Chemia
Lodz no. 13: 47-58 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

WOJTKIEWICZ, Wincenty; SZADOWSKI, Jerzy

Preparation and properties of 2-methyl-1-naphthylamin-7-sulfo acid. Chemia Lodz no. 13: 59-66 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzielaw

Chlorosulfonation of 2-naphthylamine-1-sulfo scid and certain properties of 2-naphthylamine-5-sulfonamid-1-sulfo scid. Chemia Lodz no.14:71-85 '64.

1. Department of Technology of Dyes, Technical University, Lodz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzisław

Some reactions of O-benzolsulfo-2-aminophenel and the derivatives. Chemia Lodz no. 13: 39-45 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

KUBICKI, Edward; SZADOWSKI, Jerzy; WOJTKIEWICZ, Wincentry

Influence of the size of grains and other factors on the condensation rate of cyanuric chloride with arylamines. Chemia stosow 7 no.3:415-440 163.

1. Katedra Technologii Barwnikow, Politechnika, Lodz, i Instytut Przemyslu Organicznego, Laboratorium, przy Politechnice, Lodz.

WOJTKIEWICZ, Wincentry; SZADOWSKI, Jerzy

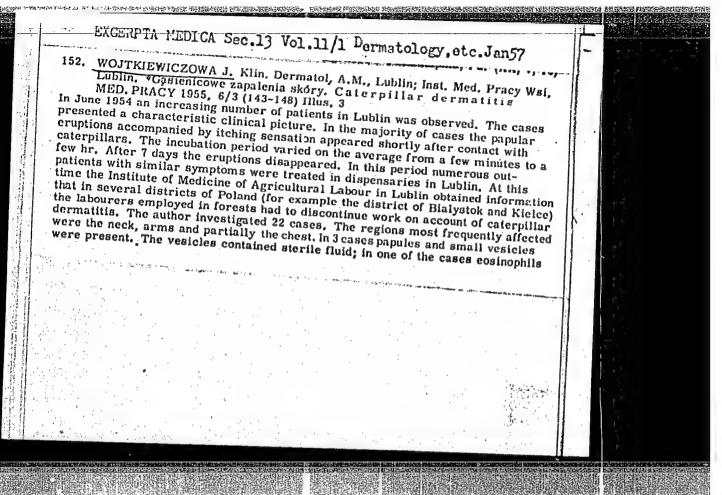
Studies on the possibility of using 2-methylnaphthalene in the synthesis of dyes. Chemia stosow 8 no. 1:77-82 164.

1. Department of Tachnology of Dyes, Technical University, Lodz.

KOTKOWSKI, Stefan; WOJTKIEWICZ-MATENKO, Bozena

Application of activated pine sawdust to the adsorption of phenal. Przem chem 39 no.10:633-636 0 '60.

1. Katedra Chemii Ogolnej, Pomorska Akademia Medyczna, Szczecin



152 CONT

were observed. In 4 cases haemorrhagic petechiae also occurred; in one patient the author has seen swellings on the eyelid; in another case swellings with small vesicles occurred on the ears, face and about the mouth. In 2 cases the eruptions resembled rather small wheals; in one patient petechiae were found. In 5 cases the author noticed limited patches; in one case inflammatory ocdema with small vesicles was localized on the forehead and above the left clavicle; in 2 persons the blisters were localized on the upper extremities; in 2 remaining cases the blisters were on the leg. In 2 cases the temperature ranged as high as 39° C.; one patient complained of malaise and loss of appetite. In all cases the ESR was normal or somewhat raised. In 2 of 13 cases leucocytosis was somewhat reduced; in 5 cases the eosinophil count rose. Two cases had albuminuria and few erythrocytes in the urine. The author performed intracutaneous tests with various allergens. The reactions were for the most part positive. The content of the blisters was sterile; in one case eosinophils were present. The histopathological examination of the specimen from the eruption on the forehead showed; inflammatory infiltration especially about the vessels with a severe degree of hyperchromatosis; in the deeper layers oedema of the tissue. In 2 cases the morbid symptoms exacerbated after applying alcohol dressings to the skin. The author, on the basis of personal observations and the literature, has come to the following conclusions: The caterpillars of some butterflies (Euproctis chrysorrhoea, Thaumatopoea processionea) occur in several years in great quantities. This phenomenon is a considerable danger for the economy and a menace to the health of men working in the forests and orchards. Preventive measures should be taken: (a) In winter and in early spring it is necessary to collect and destroy the caterpillar nests. (b) In spring apply the insecticides (the best are DDT and calcium arsenate). (c) During work in the forest and in the orchard protect the face and eyes with special glasses; wear light, but close pro-

Dermatoses caused by caterpillars of Euproctis chrysorrhoea & other butterflies. Polski tygod. lek. 13 no.2:46-51 13 Jan 58.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Lublinie; kierownik: prof. dr Cz. Ryll-Nardzewski i z Instytutu Medycyny Pracy i Higieny Wsi w Lublinie; dyrektor: prof dr J. Parnas.

(DERMATITIS, CONTACT, etiol. & pathogen.

caterpillar Euproctis chryssorrhoea & other butterflies (Pol))

(INSECTS

Euproctis chryssorrhoea caterpillar & other butterflies causing contact dermatitis (Pol))

RYLL-NARDZEWSKI, Czeslaw; WOJTKIEWICZ, Jadwiga; MITURSKA, Maria

Attempted treatment of some skin diseases with hyaluronidase. Ann.Univ. Lublin; sec. D 14:283-290 \*59.

1. Z Katedry Kliniki Dermatologicznej Wydzialu Lekarskiego Akademii Medycznej w Lublinie. Kierownik: prof. dr med. Czeslaw Ryll-Nardzewski.

(SKIN dis.)
(HYALURONIDASE ther)

#### WOJTKIEWICZOWA, Jadwiga

On the Stevens-Johnson syndrome. Ann. Univ. Lublin: sec. D 14:249-262 159.

1. Z Katedry Kliniki Dermatologicznej Wydzialu Lekarskiego Akademii Medycznej w Lublinie. Kierownik: prof. dr med. Czeslaw Ryll-Nardzewski.

(ERYTHEMA MULTIFORME case reports)

POLAND

Jadwiga WOJTKIEWICZOWA and Barbara LECEWICZ-TORUNIOWA, Dermatology Clinic of Medical College (Klinika Dermatologiczna AM), Head (kierownik) Prof Dr Cz RYLL-NARDZEWSKI; Lublin.

"Observations on Pemphigus."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 43, 22 Oct 1962; pp 1668=1672.

Abstract [English summary modified]: Of 24 patients treated during 10 years, 14 received either cortisone or prednisone and ACTH; 17 died, 3 improved, no data on 3. Authors suggest that there may be gradual transition of one of the 4 types (vulgaris, sebaceous, vegetans, faliaceus) into other. Comprehensive clinical data and discussion of therapeutic results and prognostic indicators. Three tables, 4 Polish and 11 Vestern references.

1/1

2

OLECKA, Jadwiga; WOJTKIEWICZOWA, Jadwiga; MITURSKA, Maria

Effect of the treatment of syphilitic women on the fate of offspring.
Przegl. derm. 49:327-329 '62.

1. Z Kliniki Dermatologicznoj AM w Lublinie Kierownik: prof. dr
Cz.Ryll-Nardzewski [deceased].
(PRZGNANCY COMPLICATIONS) (SYPHILIS)
(SYPHILIS CONGENITAL)

WOJTKIEWICZ, Jadwiga; LECEWICZ-TORUN, Barbara

Cutaneous changes related to thyroid disorders. Przegl. derm.
50 no.61555-560 N-D'63

1. Z Kliniki Dermatologicznej AM w Lublinie; kierownik: doc.
dr. R.Michalowski.

MOJIKIEWICZOWA, Jadwiga; KRUFICZ, Jozef

Cholesterol level of the blood serum in psoriatic patients. Pol. tyg. lek. 19 no. 40:1526-1529 5 0 64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Lublinie (Kierownik Klinikia doc. dr. med. Roman Michalowski).

PETER, Janusz; WOJTKOWIAK, Antoni

Case of irreducible dislocation of the knee joint and method of reduction and fixation of the knee in a case with extensive lesions of the skin. Chir. nars. ruchu ortop. polska 19 no.4:325-330 1954.

1. Z Oddzialu Chirurgicznego Szpitala Miejskiego im. Kazimierza Dluskiego w Tomaszowie Lubelskim. Dyrektor dr Januss Peter.

(DISLOCATIONS, knee, ther. of irreducible disloc. with lesions of skin)

(KNEE, dislocations, ther. of irreducible disloc. with lesions of skin)